

IN THE CLAIMS

1. – 13. (canceled)

14. (currently amended) An exchange comprising:

a first trunk that is connectable to an Internet gateway that includes a voice processing part for converting voice into packet data;

a second trunk that is connectable to a public telephone network;

a switch control part for controlling the exchange to switch a route of a call from a network to another network;

a re-origination control part for controlling the exchange to re-originate a call after switching the route; and

a memory for storing a telephone number of a called party that is received from a calling party;

wherein:

when a connection has been established to the Internet gateway via the first trunk, the switch control part causes the exchange to disconnect a connection to the Internet gateway via the first trunk and to release the first trunk in response to pushing a button by a caller of the calling party after an on-hook operation by the caller during a telephone call to the called party via the Internet via the first trunk, and wherein the re-origination control part thereafter thereafter causes the exchange to re-originate a call of the calling party to the called party via the public telephone network via the second trunk by using the telephone number of the called party stored in the memory; and

when a connection has been established to the public telephone network via the second trunk, the switch control part causes the exchange to disconnect a connection to the public telephone network via the second trunk and to release the second trunk in response to pushing a button by the caller of the calling party after an on-hook operation by the caller during a telephone call to the called party via the public telephone network via the second trunk, and wherein the re-origination control part thereafter causes the exchange to re-originate a call of the calling party to the called party via the Internet gateway via the first trunk by using the telephone number of the called party stored in the memory.

15. (currently amended) An exchange comprising:

a first trunk that is connectable to an Internet gateway that includes a voice processing part for converting voice into packet data;

a second trunk that is connectable to a public telephone network;

a switch control part for controlling the exchange to switch a route of a call from a network to another network;

a re-origination control part for controlling the exchange to re-originate a call after switching the route; and

a memory for storing a telephone number of a called party that is received from a calling party;

wherein:

when a connection has been established to the Internet gateway via the first trunk, the switch control part causes the exchange to disconnect a connection to the Internet gateway via the first trunk and to release the first trunk in response to pushing a button by a caller of the

calling party after a flash operation by the caller during a telephone call to the called party via the Internet via the first trunk, and wherein the re-origination control part ~~thereafter~~ thereafter causes the exchange to re-originate a call of the calling party to the called party via the public telephone network via the second trunk by using the telephone number of the called party stored in the memory; and

when a connection has been established to the public telephone network via the second trunk, the switch control part causes the exchange to disconnect a connection to the public telephone network via the second trunk and to release the second trunk in response to pushing a button by the caller of the calling party after a flash operation by the caller during a telephone call to the called party via the public telephone network via the second trunk, and wherein the re-origination control part thereafter causes the exchange to re-originate a call of the calling party to the called party via the Internet gateway via the first trunk by using the telephone number of the called party stored in the memory.

16. (currently amended) An exchange comprising:

a first trunk that is connectable to an Internet gateway that includes a voice processing part for converting voice into packet data;

a second trunk that is connectable to a public telephone network;

a switch control part for controlling the exchange to switch a route of a call from a network to another network;

a re-origination control part for controlling the exchange to re-originate a call after switching the route; and

a memory for storing a telephone number of a called party that is received from ~~[[the]]~~ a calling party;

wherein~~[[;]]~~ :

when a connection has been established to the Internet gateway via the first trunk, the switch control part causes the exchange to disconnect a connection to the Internet gateway via the first trunk and to release the first trunk in response to receiving a special number dialed by a caller of the calling party after an on-hook operation by the caller during a telephone call to the called party via the Internet via the first trunk, and wherein the re-origination control part ~~thereafter~~ ~~thereafter~~ causes the exchange to re-originate a call of the calling party to the called party via the public telephone network via the second trunk by using the telephone number of the called party stored in the memory; and

when a connection has been established to the public telephone network via the second trunk, the switch control part causes the exchange to disconnect a connection to the public telephone network via the second trunk and to release the second trunk in response to pushing a button by the caller of the calling party after an on-hook operation by the caller during a telephone call to the called party via the public telephone network via the second trunk, and wherein the re-origination control part thereafter causes the exchange to re-originate a call of the calling party to the called party via the Internet gateway via the first trunk by using the telephone number of the called party stored in the memory.